



**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION**

TRAFFIC OPERATIONS DIVISION  
SUITE 1800, JAMES K. POLK BUILDING  
505 DEADERICK STREET  
NASHVILLE, TENNESSEE 37243-1402  
(615) 253-1122

CLAY BRIGHT  
COMMISSIONER

BILL LEE  
GOVERNOR

TO: Will Reid  
Assistant Chief Engineer of Operations  
FROM: <sup>MA</sup> Brad Freeze, Director of Traffic Operations

**SUBJECT: Proprietary Item Request and Justification for Street Lighting  
Metropolitan Government of Nashville and Davidson County**

The Metropolitan Government of Nashville and Davidson County is requesting that American Electric Lighting (AEL) and Holophane lighting fixtures be installed in all roadway lighting projects within the City including Davidson County over the next three years where Federal and/or State funding are used. The following are justification items for this request:

The Metropolitan Government of Nashville and Davidson County has established the use of American Electric Lighting (AEL) and Holophane lighting fixtures as the street lighting standard for use in all Citywide projects (see attached documentation).

The attached lighting fixtures are currently in use within the Metropolitan Government of Nashville and Davidson County's jurisdiction and the Nashville Electric Service (NES) lighting system. With these lighting fixtures as our standard, NES will continue to maintain our street lighting system in order to provide for the synchronization with existing and future facilities.

I, Brad Freeze, Director of the Traffic Operations Division of the Tennessee Department of Transportation, do hereby certify that in accordance with the requirements of 23 CFR 635.411(a) (2) that the patented or proprietary items listed above are essential for the synchronization of existing facilities.

  
Assistant Chief Engineer of Operations

  
Date

DAVID BRILEY  
MAYOR



## METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY

DEPARTMENT OF PUBLIC WORKS  
750 SOUTH FIFTH STREET  
NASHVILLE, TENNESSEE 37206

July 24, 2019

Mr. Steve Bryan, P.E.  
Traffic Operations Division  
Tennessee Department of Transportation  
James K. Polk Building, 18th Floor  
505 Deaderick St., Nashville, TN 37243

RE: Proprietary Item Request and Justification for Street Lighting  
Metropolitan Government of Nashville and Davidson County

Dear Mr. Bryan,

The Metropolitan Government of Nashville and Davidson County is requesting that American Electric Lighting (AEL) and Holophane lighting fixtures be installed in all roadway lighting projects within the City including Davidson County over the next three years where Federal and/or State funding are used.

The Metropolitan Government of Nashville and Davidson County has established the use of American Electric Lighting (AEL) and Holophane lighting fixtures as the street lighting standard for use in Citywide projects (see attached documentation). The attached lighting fixtures are currently in use within the City and the Nashville Electric Service (NES) lighting system. With these lighting fixtures as our standard, NES will continue to maintain our street lighting system in order to provide for the synchronization with existing and future facilities.

Please feel free to contact me should you wish to discuss this matter further. Should the need arise to make changes to this list, Public Works and/or NES will make every effort to promptly notify TDOT.

Sincerely,

A handwritten signature in blue ink, reading "Devin P. Doyle". The signature is written in a cursive style with a large, stylized "D" and "P".

Devin P. Doyle, P.E.  
Department of Public Works Engineering Division  
Metropolitan Government of Nashville

Cc: Mark Sturtevant  
Phillip Jones  
Vaughn Charles, NES  
Ron Davidson, NES  
Brad McKelvey, NES

Type	Light Fixture	Manufacturer	Catalog Part Number	NES Stock Number
High Mast	1000W HPS High Mast	Holophane	HMST C10HP MT S 1 PS	303 370 000
	65,000 Lumen LED High Mast	Holophane	HMLED3 PK3 30K MVOLT G AW P7	303 441 650
Offset	400W HPS Offset	Holophane	G 400HP MA H DR V G C P R 6	303 355 000
	400W HPS Offset	Holophane	G 400HP MC H DR V G C P R 6	303 355 000
	250W HPS Offset	Holophane	G 250HP MA H DR V G C P R 6	303 346 000
	250W HPS Offset	Holophane	G 250HP MC H DR V G C P R 6	303 346 000
	30,000 Lumen LED Offset	Holophane	MGLEDM P6 30K MVOLT WG VH GRSD NL PR7	303 445 300
Cobrahead	5,500 Lumen LED Cobrahead	American Electric Lighting	ATB0 20BLEDE70 MVOLT R2 3K P7	303 446 050
	10,000 Lumen LED Cobrahead	American Electric Lighting	ATB0 30BLEDE85 MVOLT R3 3K P7	303 446 100
	20,000 Lumen LED Cobrahead	American Electric Lighting	ATB2 60BLEDE85 MVOLT R3 3K P7	303 446 200
	35,000 Lumen LED Cobrahead	American Electric Lighting	ATB2 80BLEDE12 MVOLT R3 3K P7	303 446 350
NOTE: No proprietary required for HPS Cobrahead Light Fixtures				
Wallpack	150W HPS Wall Pack	Holophane	W4 15AHP MC S Z P	303 304 000
	7,000 Lumen LED Wallpack	Holophane	W4GLED 20C 1000 30K T3M MVOLT SPD P7 GYSDP	303 449 070

NOTE: No proprietary required for flood, open bottom, and shoebox light fixtures.